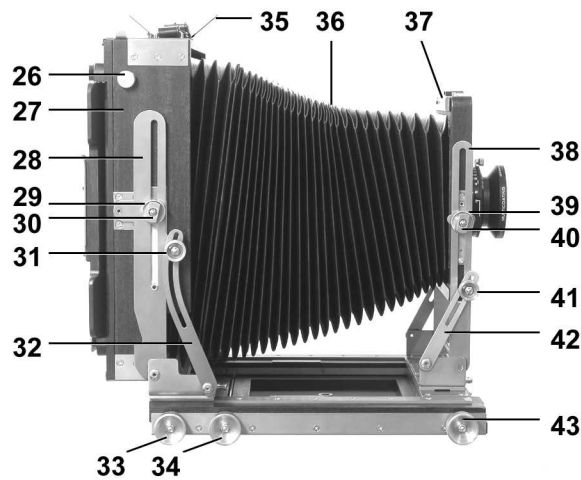
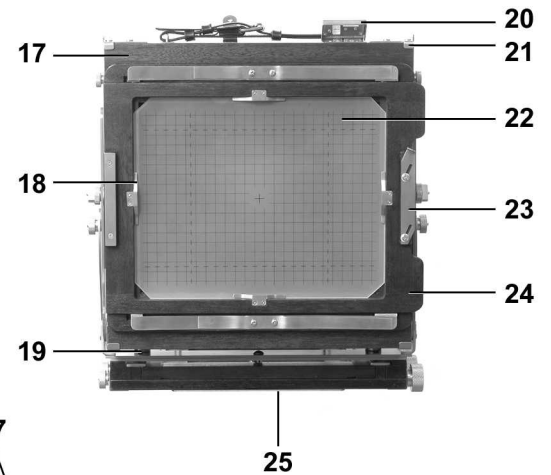
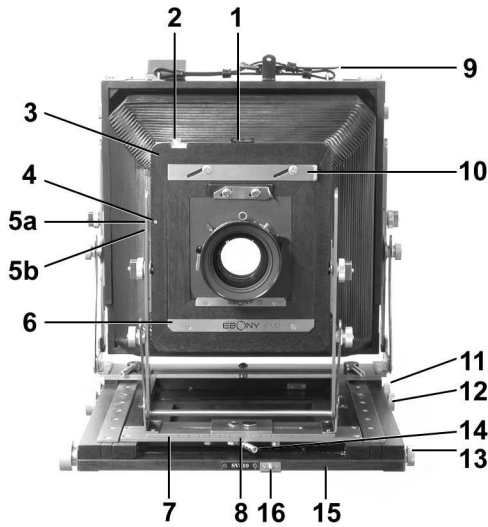


# EBONY

## SV810

### USER'S GUIDE



### PART NAMES

1 Accessory shoe	20 Two-way spirit level with mirror
2 Spirit level	21 Sliding latch for removable back
3 Front standard	22 Focusing screen
4 Alignment point indicating front rise/fall zero position	23 Sliding latch for focusing hood
5a Alignment point indicating front rise zero position (Technika)	24 Focusing frame
5b Alignment point indicating front rise zero position (Sinar)	25 Tripod mounting plate
6 Lensboard slot	26 Bellows release knob
7 Shift scale	27 Rear standard
8 Alignment points indicating front shift zero position	28 Rear rise arm
9 Hand strap	29 Rear rise knob
10 Sliding latch for lensboard	30 Rear center tilts knob
11 Rear focusing lock knob	31 Rear base tilts knob
12 Front focusing lock knob	32 Rear base tilts arm
13 Front focusing lock knob	33 Rear focusing knob
14 Front shift/swing locking lever (shown in locked position)	34 Front focusing knob
15 Camera bed	35 Latch to secure folded camera
16 Latch pin	36 Bellows
17 Film holder back	37 Sliding latch for bellows release
18 Spring tab for focusing screen	38 Front rise/fall arm
19 Rear swing locking lever (one on each side)	39 Front rise/fall knob
	40 Front center tilts knob
	41 Front base tilts knob
	42 Front base tilts arm
	43 Front focusing knob

### How to adjust the movements:

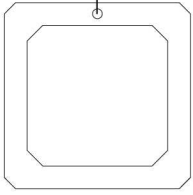
**(In all cases adjustments refer to both the knob indicated and the corresponding knob on the other side of the camera)**

- (a) Rise/Fall  
Front: Loosen knob 39, and while holding it raise or lower front standard.  
Rear: Loosen knob 29, and while holding it raise or lower rear standard.
- (b) Center Tilts  
Front: Loosen knob 40, and holding lower part of front standard, push forward or pull back.  
Rear: Loosen knob 30, and holding lower part of rear standard, push forward or pull back.
- (c) Base Tilts  
Front: Loosen knob 41, then release from notch in front base tilts arm (42).  
Rear: Loosen knob 31, then release from notch in rear base tilts arm (32).
- (d) Shift/Swing  
Front: Unlock front locking lever (14), then swing or push front standard to the left or right.  
Rear: (Swing only) Unlock rear locking levers (19), then swing rear standard to the left or right.

Points to remember:

- 1) After making each adjustment, be sure to retighten the knobs or lever. If two pairs of knobs are loose at the same time, particularly 30 and 31, the camera becomes difficult to handle.
- 2) Loosen lock knobs 12 and 13 before making front focusing adjustments, and lock knob 11 before making rear adjustments. Tighten again afterwards.

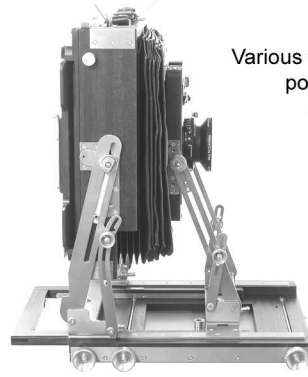
## Alignment point



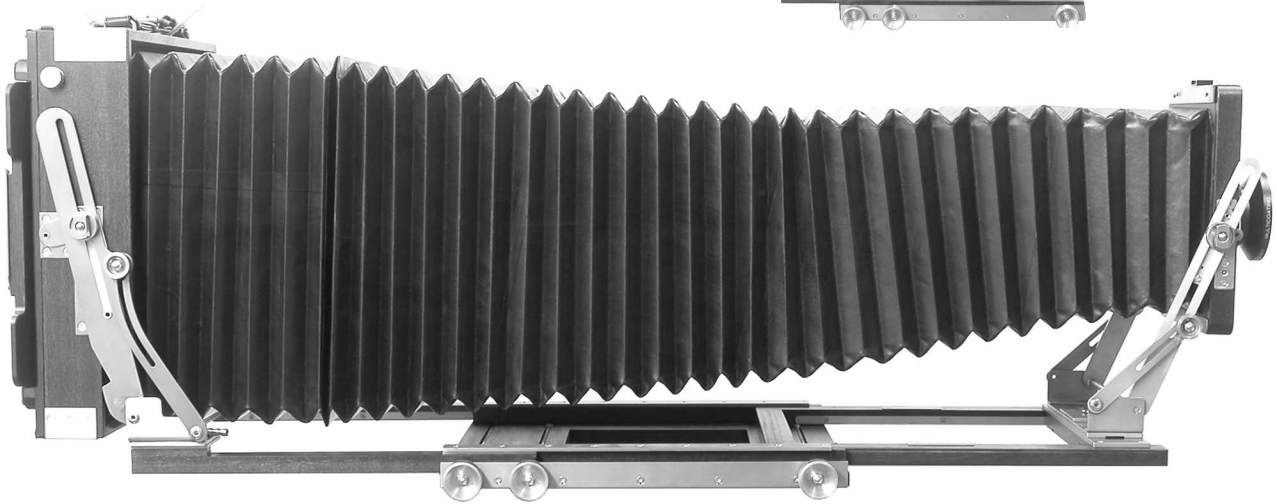
When using lenses wider than 200 mm, wide-angle bellows are necessary.

To install bellows, place rear in rear standard first and secure with bellows release knob (26), then place front in front standard, and secure with sliding latch (37). To remove bellows, reverse this procedure and start with the front. To ensure that the bellows are the right way up, check that the alignment point is at the top.

Wide-angle lenses may be used without bed drop



Various wide-angle combinations are possible using base tilts, center tilts and rise



For maximum extension use rise, base tilts and center tilts at front and back

## OPENING AND CLOSING SV810 CAMERAS

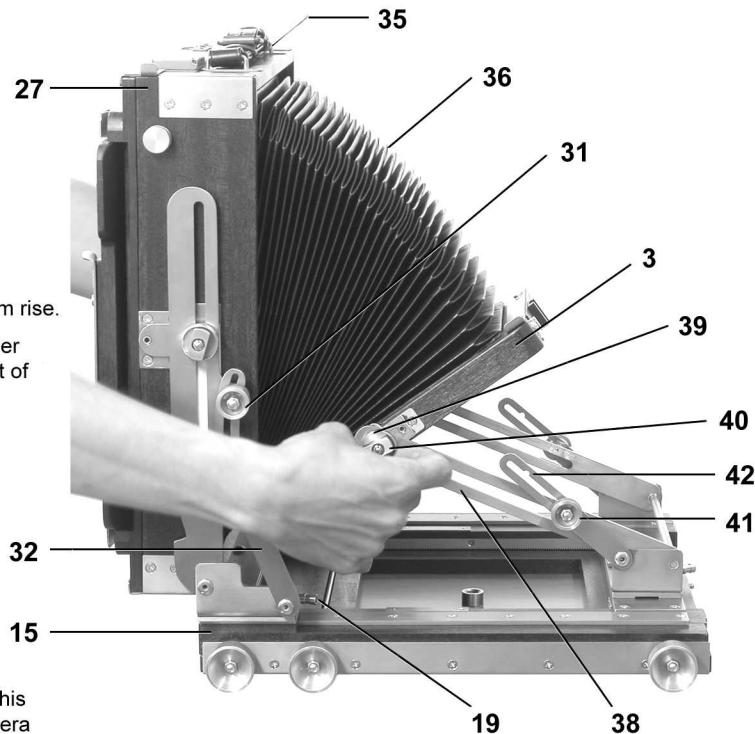
Please follow these instructions to avoid damaging the bellows. The procedure is easier if the camera is placed on a tripod.

### To open:

- 1) Squeeze camera and release latch (35) from pin
- 2) Pull up rear standard (27) until vertical. Rear base tilt knobs (31) should enter notches in rear base tilts arms (32). Tighten rear base tilts knobs (31).
- 3) Pull up front standard (3) with front rise/fall knobs (39) until it reaches maximum rise.
- 4) Lower front standard (3) until either point on rise/fall arm (depending on whether you are using Sinar-size or Linhof Technika-size lensboards) and point on right of front standard are aligned (rise/fall zero position).
- 5) Tighten front rise/fall knobs (39). Front base tilts knobs (41) should enter notches in front base tilts arms (42). Tighten front base tilts knobs (41).

### To close:

- 1) Ensure that all movements are returned to zero position, and front center tilts knobs (40) are tightened.
- 2) Loosen front base tilts knobs (41), then front rise/fall knobs (39).
- 3) Pull front standard (3) up to maximum rise with front rise/fall knobs (39).
- 4) Pull front standard (3) backwards using front rise/fall knobs (39). While doing this ensure that front standard remains at maximum rise. It will tilt towards the camera bed (15) as it compresses the bellows (36).
- 5) Push front standard (3) down until it almost touches camera bed (15). Front base tilts arms (42) should rest comfortably between front rise/fall arms (38) and front rise/fall knobs (39).
- 6) Loosen rear base tilts knobs (31). Free them from notches in rear base tilts arms (32). Push camera body down into closed position.
- 7) Squeeze camera shut and secure latch (35) to pin.



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